

# SECTION CORNER RECORD

SE 050-700

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1743807.75 East: 3161825.37 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'

Depth: Six inches below adjacent gravel road surface.

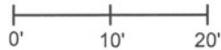
Indiana tie card references:

IN02\_T18NR2E05\_36

IN02\_T18NR2E06\_44

### CORNER WITNESS DETAIL

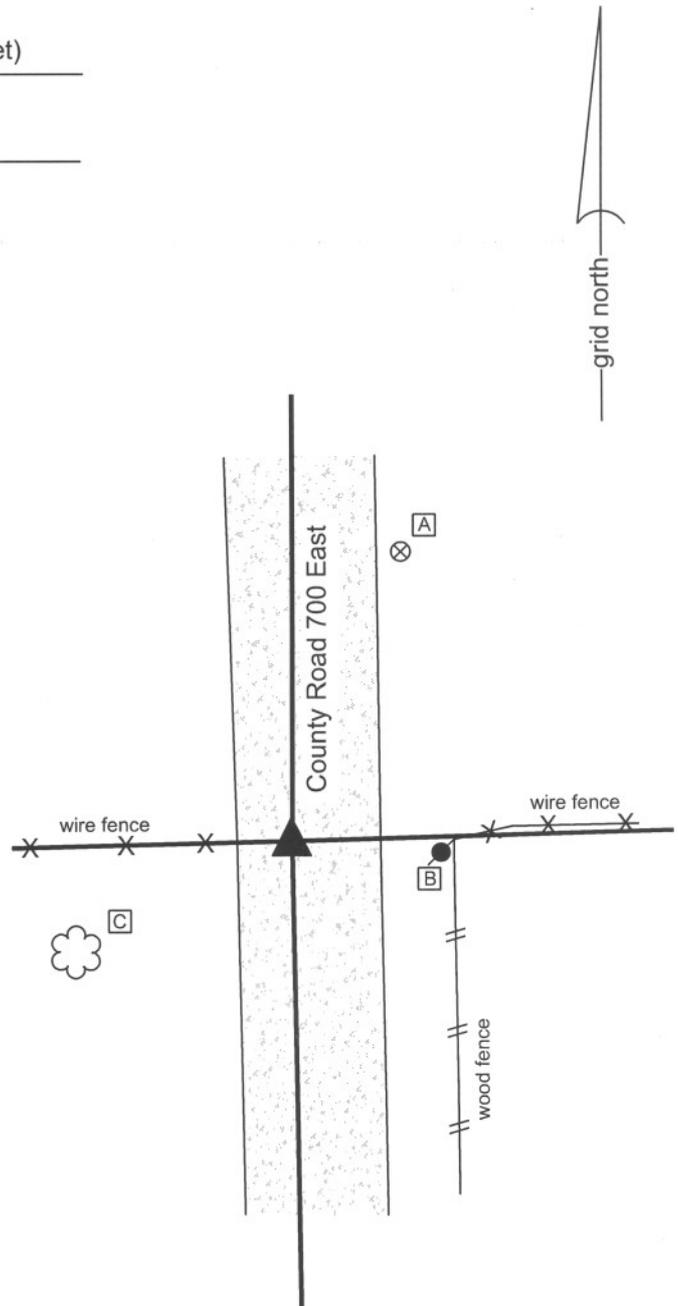
SCALE 1" = 20'



- A - Boone County witness mark, flush, 32.11'
- B - Mag nail set in N. side power pole, 2.0' a.g., 15.4'
- C - Mag nail set in N.E. side 20 inch diameter walnut tree, 3.0' a.g., 22.5'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set in place of a stone found. A BCS record of August 19 and September 5, 1902 states "Located set Rock 6,7,18 + on W. side, sharp point of rock in line." A BCS tie card of June 7, 1991 shows the corner as a railroad rail found. BCS field notes dated August 14, 1975 states "No stone found set rod." No tie card was found associated with these notes. This corner was excavated on June 4, 2009. A railroad rail was found on end at 7 inches deep. A 5/8 inch rebar was found at 7 inches deep, 4.8 feet south of the rail. The record stone was found at 13 inches deep, 0.2 foot west and 0.7 foot south of the rail. The stone was broken in half but the two pieces combined to match the record dimensions. The stone measured 6 inches E-W by 7 inches N-S by 18 inches tall. The "+" was clearly visible on the west side and a distinct high point on the top of the stone was accepted as being the "sharp point" of the rock per the 1902 record. The stone was well embedded in the clay, protruding approximately 3 inches out of the clay in the base layer of the road. The stone was removed and a harrison monument was set in its place at the position of the high point of the stone. This corner was originally established as a wood post in July, 1821.



*Kenneth E. Hedge*  
 Kenneth E. Hedge, County Surveyor

*James S. Swift*  
 James S. Swift, IN LS 20200054  
 July 14, 2010

Worth Twp	Union Twp
Section 6 T18N, R2E	Section 5 T18N, R2E

PHOTOGRAPHIC DOCUMENTATION

Date of photography: June 4, 2009

View of the stone as first exposed.



The bottom part of the stone found embedded in the road. Not the etched + on the side.



The two parts of the broken stone put together. Note the "sharp point" on the top of the rock.



The two parts of the stone removed from the road bed. The side facing the camera was the west side and the "sharp point" on the top of the rock is on the left in this picture.



For details and documentation, refer to related sheet "Section Corner Record."

# SECTION CORNER RECORD

SE 050-800

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1743957.71 East: 3167112.02 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'

Depth: One inch below adjacent road surface

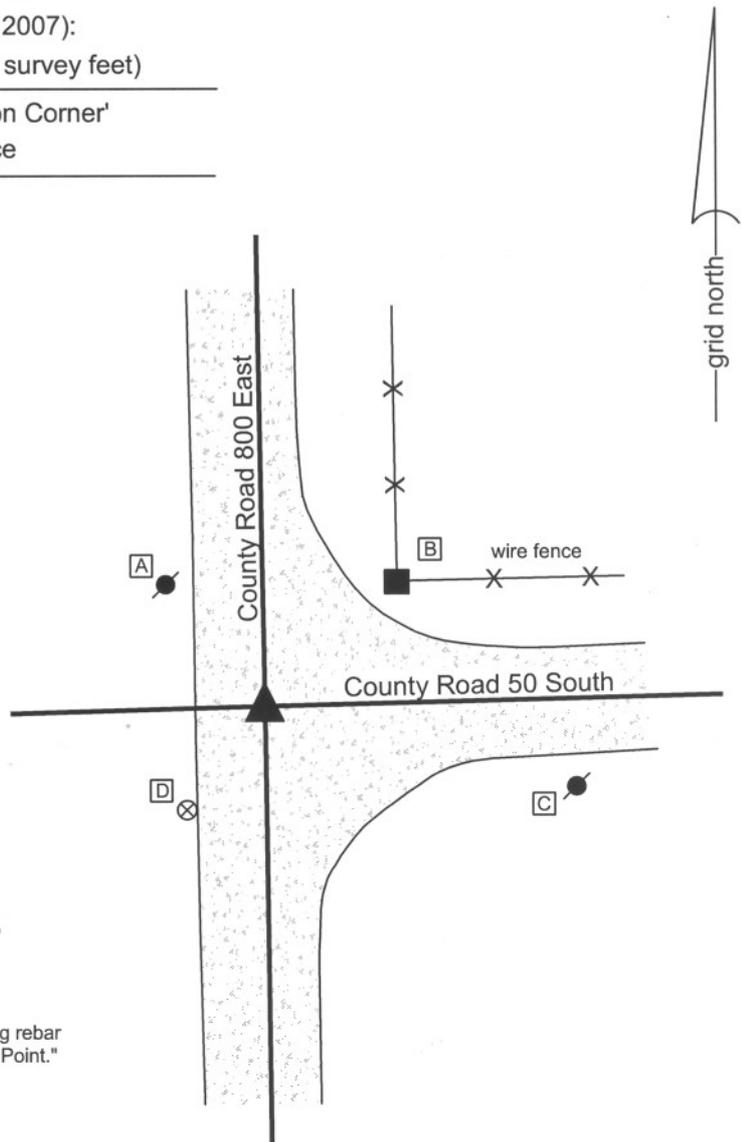
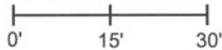
Indiana tie card references:

IN02\_T18NR2E04\_36

IN02\_T18NR2E05\_44

### CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Mag nail set in S. side power pole, 2.0' a.g., 23.5'
- B - Mag nail set in S.W. side wood post, 2.0' a.g., 28.3'
- C - Mag nail set in W. side power pole, 3.0' a.g., 48.5'
- D - Boone County witness mark, flush, 20.34'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The Harrison monument was set in place of an iron pipe and stone found.

A BCS tied card dated June 7, 1991 calls the corner a 1 inch iron pipe. The corner is not specifically described in the BCS Surveyor's Record but it is depicted as a terminal point for measurements in 1849 and 1912. This corner was excavated on April 28, 2009. The iron pipe was found at 6 inches deep. A stone was found at 1 foot deep. The stone measured 6 inches N-S by 7 inches E-W by 6 inches tall and was embedded in the clay layer below the road. The iron pipe was driven along the edge of the stone, leaning over the top of the stone. No other evidence was found at this corner. The iron pipe and stone were both removed during excavation and the Harrison monument was set in their place, specifically in place of the top of the iron pipe as found prior to excavation.

This corner was originally established as a wood post in July, 1821.

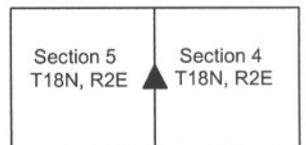


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*James S. Swift*  
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July 14, 2010

Union Township



PHOTOGRAPHIC DOCUMENTATION

Date of photography: May 28, 2009

The iron pipe, as found.



The stone, as found.



For details and documentation, refer to related sheet "Section Corner Record."

# SECTION CORNER RECORD

SE 100-700

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1741162.79 East: 3161869.83 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'

Depth: Eight inches below adjacent gravel road surface

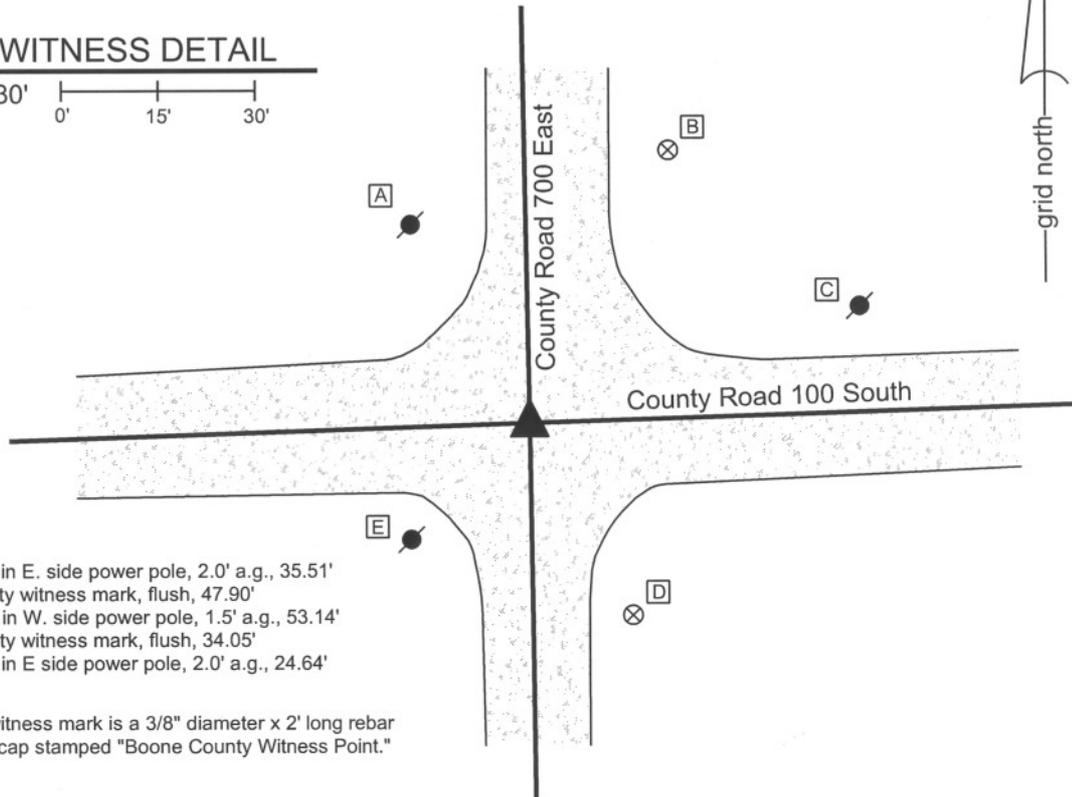
Indiana tie card references:

IN02\_T18NR2E05\_72 IN02\_T18NR2E06\_80

IN02\_T18NR2E07\_08 IN02\_T18NR2E08\_00

### CORNER WITNESS DETAIL

SCALE 1" = 30'



- A - Mag nail set in E. side power pole, 2.0' a.g., 35.51'
- B - Boone County witness mark, flush, 47.90'
- C - Mag nail set in W. side power pole, 1.5' a.g., 53.14'
- D - Boone County witness mark, flush, 34.05'
- E - Mag nail set in E side power pole, 2.0' a.g., 24.64'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set in place of a rebar found.

A BCS record of February 27, 1871 states "Re Established from Oak stump. Set a Rock 14.12.10 marked + (under bridge)." A BCS tie card dated June 7, 1991 shows the corner as a 5/8 inch rebar found. This corner was excavated on May 28, 2009. Prior to excavation a 5/8 inch rebar was found at 3 inches below grade. The rebar was slightly bent at the top but the horizontal position of the main shaft was detectable. The reference in the 1871 to "under bridge" is a confusing reference as it is not clear where or why there might have been a bridge at this intersection. Excavation revealed no more monuments of any kind. An area 7 feet N-S by 11 feet E-W, centered on the found rebar at the approximate center of the intersection, was excavated to at least 30 inches deep and the clay layer below the main road bed. Remnants of an old red clay tile were found at 2 feet, directly under the rebar. The tile appeared to bear in a N-S direction. The presence of the tile may explain the absence of the stone, as the stone may have been removed during the installation of the tile. The harrison monument was set in the horizontal position of the rebar.

This corner was originally established as a wood post in July, 1821.



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 July 14, 2010

Worth Twp Union Twp

Worth Township	Section 6 T18N, R2E	Section 5 T18N, R2E
	Section 7 T18N, R2E	Section 8 T18N, R2E

# SECTION CORNER RECORD

SE 100-750

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (NSRS 2007):  
North: 1741245.75 East: 3164507.86 (U.S. survey feet)

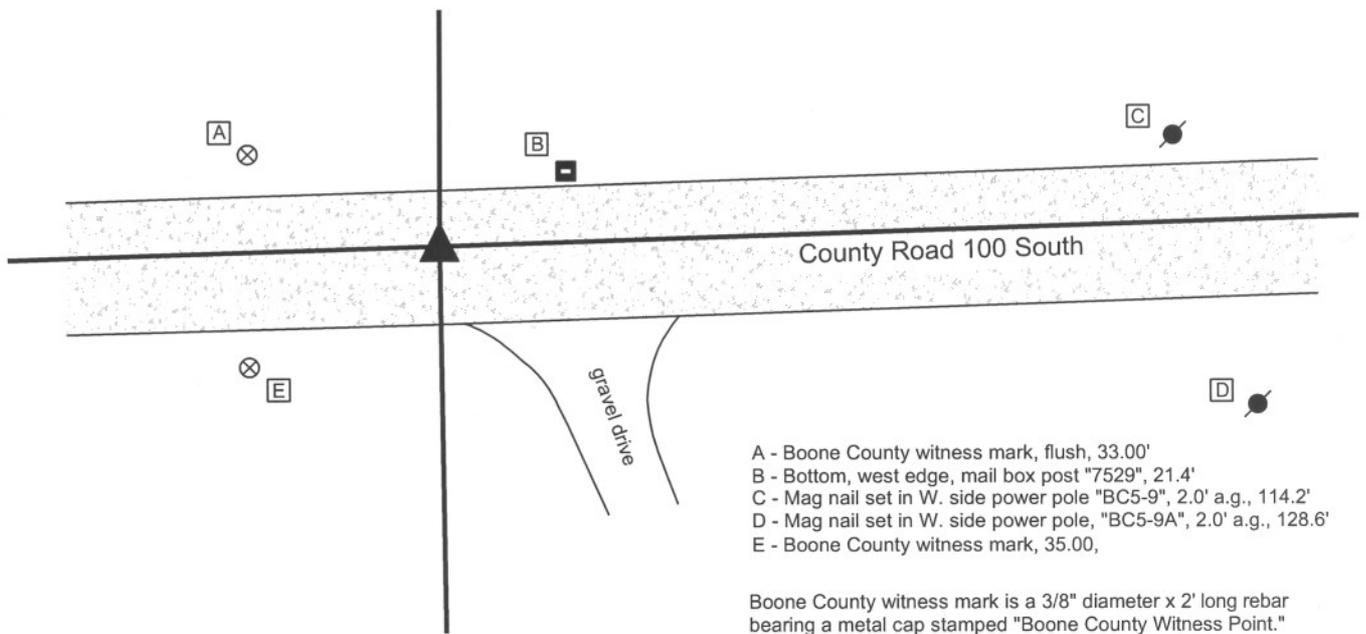
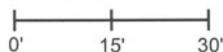
Type of monument: Harrison, 4" disk 'Section Corner'  
Depth: Eight inches below gravel road surface

Indiana tie card references:  
IN02\_T18NR2E05\_72  
IN02\_T18NR2E08\_04

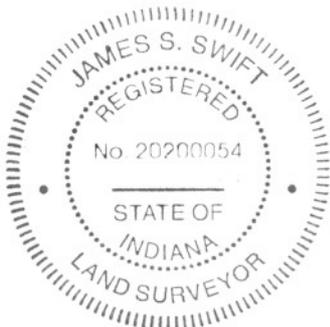


### CORNER WITNESS DETAIL

SCALE 1" = 30'



The harrison monument was set in place of a 5/8 inch diameter smooth shafted iron pin found.  
 A BCS record of October 9-10, 1877 states "Reestablished. Set Rock 16,12,10 marked +." A BCS record of August 22, 1907 states "found rock set."  
 This corner was excavated on June 4, 2009. Prior to excavation the aforementioned iron pin was found at 4 inches below grade. Excavation revealed no further evidence of the corner. The area of excavation was 8 feet E-W, centered on the iron pin and 9 feet N-S, extended 3 1/2 feet north and 5 1/2 feet south of the iron pin. It is noted that the road in this area is below the grade of the surrounding fields and that the entire road bed is only 10 inches deep, at which point the clay layer begins. If the stone mentioned in the record were at a depth similar to many other stones found from the same time frame, it would have likely protruded out of the clay and into the bottom of the road bed by 3 or 4 inches. If this were the case, the top of the stone would have been only 6 or 7 inches deep, well within the range of the blade or teeth of a road grader.  
 This corner was originally established as a wood post in July, 1821.



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July 14, 2010

Union Twp

Section 5  
T18N, R2E

Worth Twp

Section 8  
T18N, R2E

# SECTION CORNER RECORD

## BOONE COUNTY SURVEYOR'S OFFICE

SE 100-800

State Plane grid coordinates NAD83 (NSRS 2007):

North: 1741327.98 East: 3167147.92 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner'

Depth: Eight inches below adjacent gravel road surface

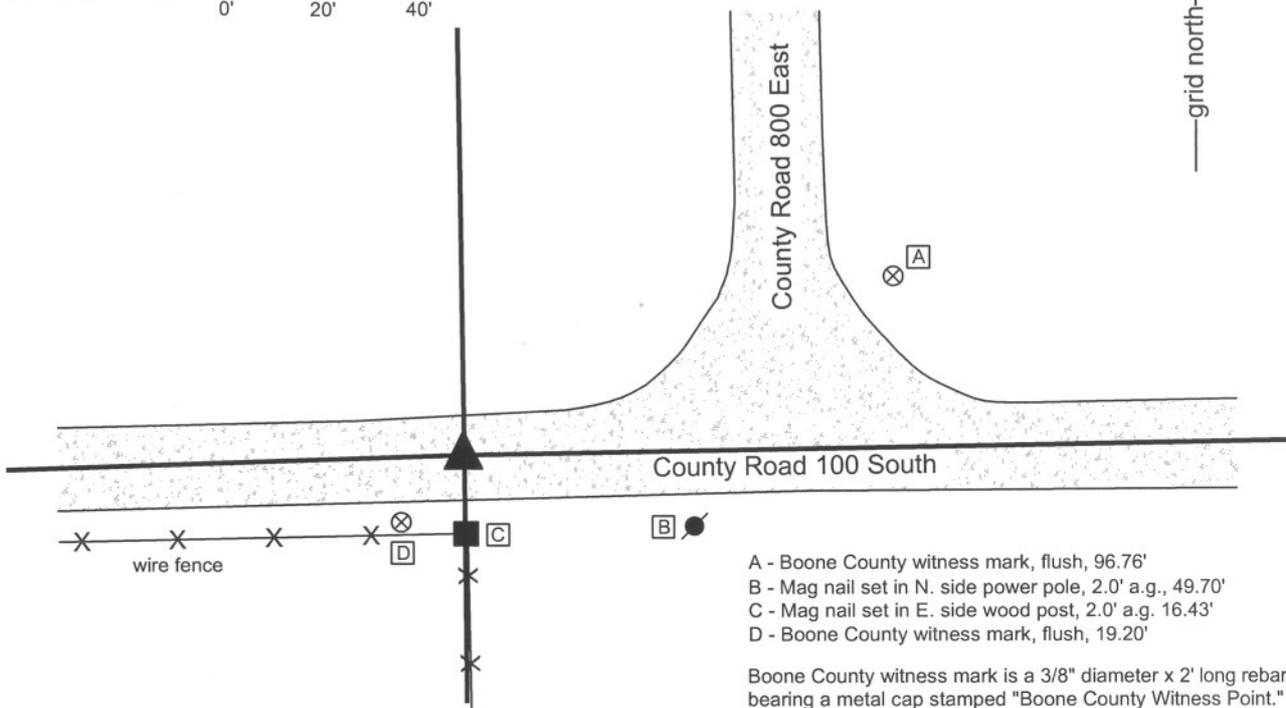
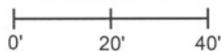
Indiana tie card references:

IN02\_T18NR2E04\_72 IN02\_T18NR2E05\_80

IN02\_T18NR2E08\_08 IN02\_T18NR2E09\_00

### CORNER WITNESS DETAIL

SCALE 1" = 40'



- A - Boone County witness mark, flush, 96.76'
- B - Mag nail set in N. side power pole, 2.0' a.g., 49.70'
- C - Mag nail set in E. side wood post, 2.0' a.g. 16.43'
- D - Boone County witness mark, flush, 19.20'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The harrison monument was set over a stone found and in place of an iron pipe found.

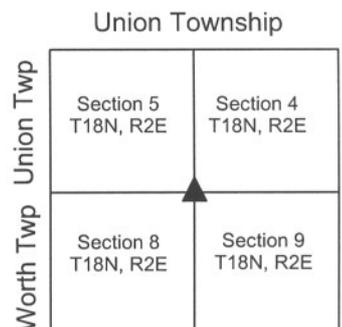
A BCS record of March 22, 1880 states "Reestablished Set Rock 17.24.20+." A BCS tie card of June 7, 1991 shows the corner as a one inch iron pipe found. This corner was excavated on May 14, 2009. Prior to excavation a one inch diameter iron pipe was found at 7 inches deep. This pipe appeared to be the same monument referred to on the 1991 tie card. Excavation revealed a large stone found at 16 inches deep. The stone is 24 inches E-W by 20 inches N-S and measures 17 inches tall on the south side, matching the dimensions described in the 1880 record. No specific markings were found on the stone. The pipe was over the stone, bent slightly and leaning over the top of the stone. The top of the pipe was approximately 2 inches north of the approximate top center of the stone. The position of the pipe was held as the specific position of the corner and the harrison monument was set at this position, over the stone but slightly north of the vague, approximate top center. The pipe was removed during excavation.

This corner was established as a wood post in July, 1821.



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James S. Swift, IN LS 20200054  
July 14, 2010



PHOTOGRAPHIC DOCUMENTATION

Date of photography: May 14, 2009

View of the stone as first exposed.



Brandon Miller holding the iron pipe in the approximate position as it was originally found and oriented, prior to removal.



View from the east, looking across the stone and west along County Road 100 South.



View from the north, looking across the stone and south along the fence to the south.



For details and documentation, refer to related sheet "Section Corner Record."